Contents	Reference to last Measurement
7	8

First to find.

BR.62/16-17

M. A. R. 57 (Rule 116)

Measurement Book

No. B 258408

Serial No. .....

Name of Work ... Improvements to CD no road @ Kodigehalli village in ward No. 8, ... From ..... To .....

Name of Contractor of nature of Agency ... R. Madhusudhan .....

Date of commencement of work ... 19.1.2015 .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate Cost: Rs. 10.00 lakhs, ToS No.: 008-15-000066 AS No.: 124/14-15 dtd. 17.1.15. TS No.: 290/14-15 dtd 17.1.15 WO No.: 225/14-15 dtd 24.2.2015						
	Measurement recorded on: 10-04-2015						
1)	Removing As slab & drain & stacking including cost of all materials as directed.					816.00	SR
	Qty vide item No. 01 of MB 258459 -					778.8	SR
					Limited to	- Rs.	45120.00
			@ 40	58.00			=

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Refixing stone slabs of drains & pointing vide Item No. (1) of previous page			Limited to @ Rs. 75/-		378.80 Sqm 339.86 Sqm = Rs. 25490.00	
	3) Excavation by manual excavation by means, excavated surface dressed, disposed earth to be leveled neatly after leveling of drain as complete. vide item no (3) of page 258		manual mean is ordinary levelled & rider neatly	Limited to @ Rs. 75/-		246.0 cum 235.35 cum = Rs. 17651.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
19)	Lead for disposal of carriage rates by vide item no. (19) of
4)	providing & laying in OPC concrete @ 1:3:6 CA @ 0.85 cum FA @ as directed, vide Item no (4) of

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		178.80 Sqm	
		139.86 Sqm	
		= Rs. 55420.00 =	
	ordinary neatly laid cycle.		
		246.00 cum	
		235.35 cum	
		= Rs. 17651.00 =	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258409

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
19)	Lead for disposal of debris shall be payable at carriage rates by mechanical means as directed - vide item No. (19) of Rep. 258460	-	-	-	-	246.00 cum	
				Limited to		223.58 cum	
			@ Rs. 73.57/-			= Rs.	16322.00 =
4)	providing & laying in position PCC of Mix 1:4:8 with OPC cement @ 180 kg cum of 40mm Eq. dia metal CA @ 0.85 cum FA @ 0.57 cum, machine mixed as directed, vide Item No (4) of Rep. 258460	-	-	-	-	3.00 cum	
			@ Rs. 4847/-			= Rs.	14541.00 =

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	providing & constructing gravity with CM 1:6, edges & corners wt 1cm thick cover						
	Qty vide Item No(5) of Page	258461	0	-	-	8.64	Cum
			@ Rs. 477/-			= Rs.	4123.00
6)	providing & laying to curved shape with CM 1:6, raking joints to depth &		2 cm deep, after				
	Qty vide Item No(6) of Page	258461	-	-	-	16.00	Sqm
			@ Rs. 92.00			= Rs.	2225.00
7)	providing & laying in position with cement @ 2 cm thick with CM @ 0.878 cum, Rs @	pcc of	mix 1:2:4	& metal			
			0.032 cm,	machine			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Mixed concrete laid in Sqm thick as directed
	Qty vide Item No. (7) of Page
8)	Providing mild steel reinforcement including straightening Placing in position as directed
	Qty vide Item No (8) of Page

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		8.64	cum
			41239.00
		16.00	Sqm
			2225.00
	11.2:4		

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258410

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Mixed concrete laid in layers not exceeding 45cm thick as directed.					2.40	cum
	vide item No. (7) g page 258461						
	@ Rs. 5327/-					= Rs.	12785.00
(7)	Providing mild steel reinforcement for RCC work including straightening cutting bending making placing in position binding cost of all materials as directed					3.13	Qtl
	vide item No.(7) g page 258461		Limited to			2.65	Qtl
	@ Rs. 7975/-					= Rs.	21102.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(10) providing & removing cutting, propping etc & removal vertical surface as directed. Qty vide item No (10) J/cp. 258462 @ Rs. 292/-		Shuttering Formwork for			11.74 Sqm = Rs.	Sqm 3428.00
	(8) providing & laying in position with RC cement @ 320 kg/cum Metal, CA @ 0.898 cum, FA @ 0.449 cum, Hacking mixed, cost of all materials as directed. Cchweat slab	1	RCC of mix M20 with 20mm & dbs			3.78 Cum	Cum 2449260.00
			8.00	2.10	0.22		
			@ Rs. 6065/-			= Rs	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	(11) Scarifying existing stone metal alloy with their consolidating cost of all Qty vide item No. (11) J	
	(12) providing laying spreading stone aggregate to wet including premixing with mix plant, cartage,	

K

epth 6	Contents 7	Reference to last Measurement 8
...ip		
-	11.74	Sqm
- -	- =to.	3428.00
...00		
...lbs		
...u.		
0.23	3.78	Cum
- -	- =to	2828.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258411

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
11)	Scarifying existing stone metal layer upto 75mm ...mer along with their ...ation, ...fall, ~~Consolidating~~ cost & all materials etc.					273.60	Sqm
	Extra ...e item No. (11)] Page 258462					27.50	Sqm
				Limited to			
			@ Rs.	82.94	- -	- =to	2260.10
12)	Providing, Laying, spreading & compacting graded stone aggregate to ~~mix~~ macadam including premixing with cutback @ one ...e mix ...ts, ...ge, Laying, ...ne to line &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Level, carpeting with roller etc complete.						
	Qty vide item No. (12) of page		258462	- - -		54.22	cum
				Deducted to		54.50	cum
			@ Rs. 1428/-			= Rs	78371.00
13)	clearing the existing WBM surface including removing the binding materials to any distances, treatment cost of all material as directed.						
	Qty vide item No (11) of page		258463	- - -		272.50	Sqm
				Deducted to		225.00	Sqm
			@ Rs. 12/-			= Rs.	2700.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
14)	providing & applying a medium portability prepared surface with as directed.
	Qty vide item No. (14) of page
15)	Clearing the existing with brooms, rope with old gunny bags treatment cost of

Contents 7	Reference to last Measurement 8
54.22 cum	
54.50 cum	
= Rs	₹ 8371.00 =
273.60 sqm	
225.00 sqm	
= Rs.	2700.00 =

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258412

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
14)	providing & applying a medium portable prepared surface with as directed	primer coat for surfaces @ 1.10 kg/sqm over					
	~~Extra~~ vide Item No. (14) of page 258463			Limited to @ Rs. 24.52/-		273.60 sqm 225.00 sqm = Rs.	16767.00 =
15)	Clearing the existing with brooms, rope with old gunny bags & treatment coat of	black topped surfaces brushes & finally dusting to receive bituminous material as directed.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide item No (15) Page	258464	-	-	-	1610.12 Sqm	
			Deducted to			1494.00 Sqm	
			@ Rs.	3.00/-		= Rs.	4482.00 =
16)	Providing & applying tack coat using CRS/100 bitumen on prepared black topped surface at 2.50 kg/sqm for bonding bituminous layer as directed.						
	Qty vide Item No (16) Page	258464	-	-	-	1610.12 Sqm	
			Deducted to			1494.00 Sqm	
			@ Rs.	18.74/-		= Rs	27998.00 =
17)	Providing & laying semidense bituminous concrete using crushed aggregates of specified grading						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	premixed with bi transporting no in with paver finisher alignment rolling complete as Secretariat filling at Rajmandir road. Surface area is Ram Mandir road for dea and upto Govt Colo road.

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	1610.12	
	1494.00	
	= Rs.	4482.00
	1610.12	
	1494.00	
	= Rs	27998.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B
258413

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	premixed with bituminous binder & filler, transporting mix to work site, laying with paver finisher to required grade, level & alignment, rolling complete as directed.	1	6.00	$\frac{(4.0+4.0)}{2}$	0.025	4.31 cum	
	Supervision filling at Rajwadi road.	1	30.00	$\frac{(4.0+5.5)}{2}$	0.025	3.65	"
	Surface area in Kam Nadir road from dead end upto Govt. Rd.	1	30.00	$\frac{(5.5+7.4)}{2}$	0.025	4.83	"
		1	30.00	$\frac{(7.4+8.1)}{2}$	0.025	5.88	"
		1	30.00	$\frac{(8.1+.8)}{2}$	0.025	6.41	"

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(0.80+7.00)/2	0.025	5.92	cum
		1	30.00	(7+7.5)/2	0.025	5.43	"
		1	24.00	(4.8+5.2)/2	0.025	3.12	"
		1	6.00	(4.0+4.0)/2	0.045	1.87	"
		1	8.60	(1+7.2)/2	0.025	1.98	"
		1	15.00	(7.+6)/2	0.025	2.55	"
		1	8.00	(7.+7.)/2	0.025	1.50	"
		1	12.60	(6+4)/2	0.025	1.71	"
		(-) 1	2.20	(2.1+2.1)/2	0.025	(-) 0.11	"
		(-) 1	1.00	(1+1)/2	0.025	(-) 0.02	
				Total		49.38	cum
		@	Rs. 11070/-			= Rs.	546637.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate: 1) the above is corr 2) the Contractor own vehicle. 3) there are no dep

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0.025	5.92	cum
0.025	5.43	"
0.025	3.12	"
0.045	1.87	"
0.025	1.98	"
0.025	2.55	"
0.025	1.50	"
0.025	1.71	"
0.025	(-) 0.11	"
0.025	(-) 0.02	
	49.38	cum
	= kl.	546637.0

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258414

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Contd	Bill Amount = kl			951535.00

Certificate:

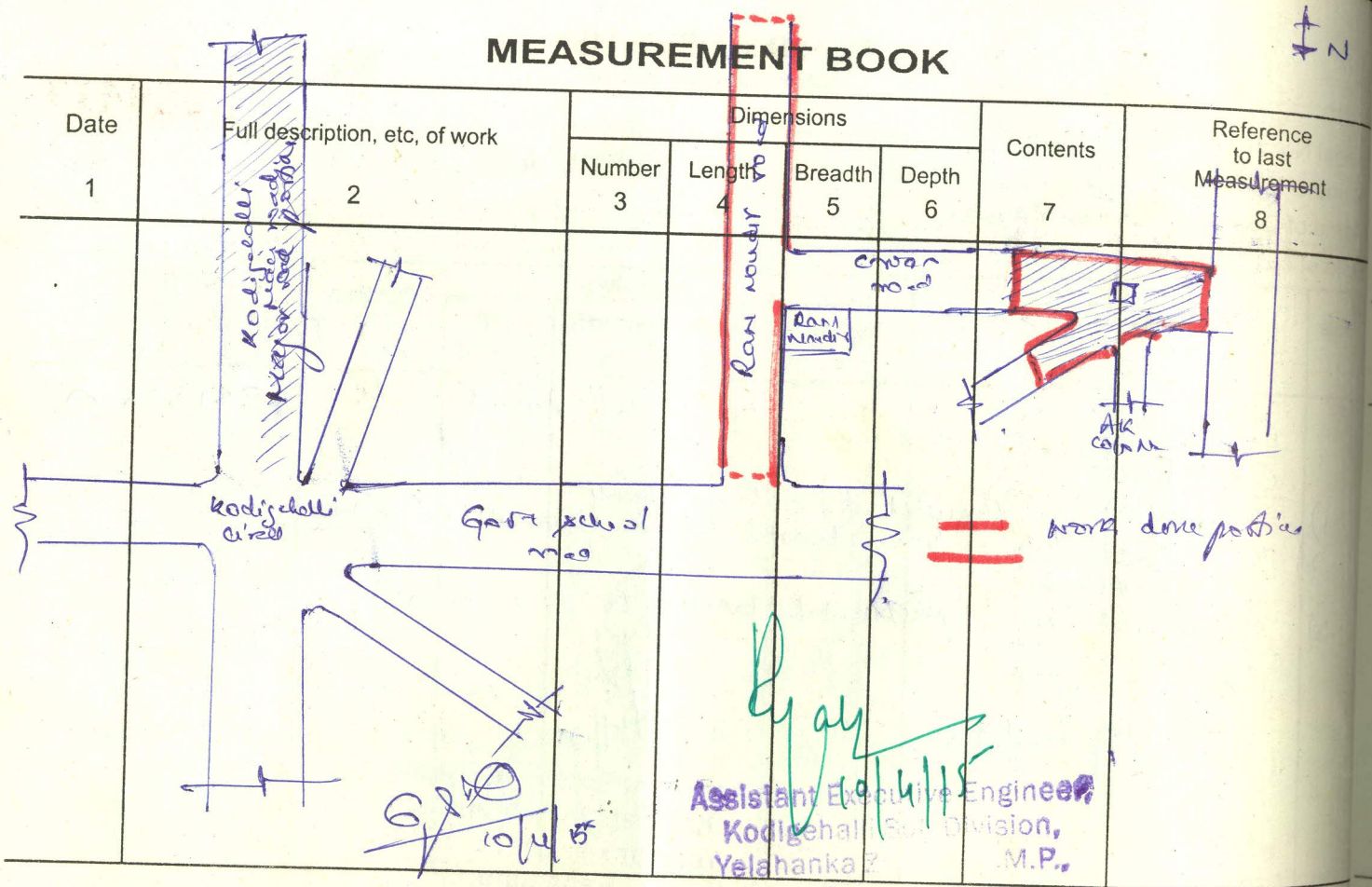
1) the above is completed satisfactorily
2) the Contractor has cleared the debrises using his own vehicle.
3) there are no departmental issues to this work.

10/4/15

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka
M.P.,
Bar

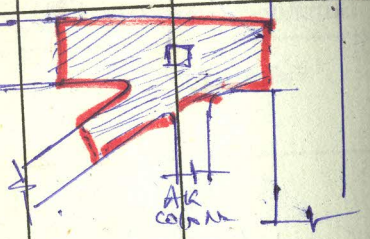
Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 951530
ಗುತ್ತಿಗೆ ಮತ್ತು ಮಾರಾಟ ಇದರಲ್ಲಿ ರೂ 12
ಹಿಂದಾನಕೆ ಮಾಡಿರುವುದು ಅಲ್ಲದೆ ಮೊತ್ತ
ರೂ 825876=00
ಚೆಕ್ ಮುಖಾಂತರ ಪಾವತಿಯಾದ

OOK

Depth 6	Contents 7	Reference to last Measurement 8



N

work done portion

Executive Engineer,
Division,
M.P.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258415

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 951530=00 ಗಳನ್ನು ಬಾದ್ಯ ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 125654=00 ಹೊರಾಡಕೆ ಮಾಡಿಸಿಲ್ಲ ಅಂತ ಮಾಡಿದೆ ರೂ 825876=00 ಚೆಕ್ ಮುಖಾಂತರ ಇದರಲ್ಲಿ						

				IT	9515-
				VAT	38061-
				FSD	52334-
				LWF	9515-
				CESS	952-
				Roy	15277-
				Total	125654=00
					11/16.